Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 02 May 2023 until 23:59 on Wednesday 03 May 2023

Forecast Issued on Monday 01 May 2023 at 14:53

Confidence: High confidence for mostly settled conditions for the next couple of days, and then for a breakdown to more unsettled conditions later in the week. Low confidence in cloud details, and arrival of rain on Thursday.

Headline for Tuesday 02 May 2023: Cloudy through much of the day, some brightening later.

Mountain weather hazards on Tuesday 02 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Dull	Dull	Dull	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability							
40%	30%	10%	10%	10%	<05%	<05%	<05%

Forecast for Tuesday 02 May 2023

Weather: Cloudy through the early hours, with rain and drizzle at times and fog across higher peaks. An improving picture after a chilly start, with the lowest cloud layers lifting above peaks by the early afternoon. Remaining fairly cloudy through the rest of the day, although a thinning of higher cloud through the late afternoon and evening may see some hazy sunshine filtering through at times. Staying dry.

Chance of cloud-free hill tops above 600m: 40% early, mainly eastern slopes. Becoming greater than 90% by afternoon.

Low Cloud and visibility: Extensive medium and high level cloud overnight, with occasional banks of lower cloud pushing in from the east and southeast with bases around 500m helping to shroud the highest peaks in fog. The lowest cloud lifts and breaks by the early afternoon, with upper cloud also beginning to thin. Generally good visibility to start, although falling to poor or very poor in rain/drizzle and low cloud. Becoming very good through the afternoon as cloud lifts.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 02 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 E	10/14 E	9/13 E	8/12 SE	10/14 SE	7/11 S	7/11 S	10/18 SE	9/16 SE
300	9/16 E	8/14 E	8/13 E	8/13 SE	8/13 SE	5/9 S	6/11 SE	5/13 SE	5/12 SE
Valley	8/15 E	7/13 E	8/14 E	9/15 SE	6/10 SE	4/8 S	3/6 SE	7/16 E	7/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	3/-1	2/-2	3/-0	6/2	8/6	8/6	6/3	6/3
300	6/3	5/2	5/2	6/4	9/7	11/10	11/10	8/7	6/5
Valley	8/5	7/5	7/4	8/6	11/10	13/12	13/13	10/9	9/7
Freezing Level*	1500m	1500m	1400m	1400m	1400m	1500m	1600m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note early severe chill effect on higher slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 01 May 2023	1.8mm	6.4mm	6.4mm

Forecast for Wednesday 03 May 2023

Weather: Cloudy throughout much of Wednesday, although still a bright day with some hazy sunshine possibly filtering through at times. Some breaks may form in the cloud through the afternoon and evening, giving one or two sunny spells. Staying dry.

Maximum wind: Southeasterly 10-15mph, with gusts in the evening up to 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Extensive high cloud through much of the day. Generally very good visibility throughout, improving during the afternoon/evening in sunnier spells.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 12 Celsius.
At 600m: Plus 5 Celsius, rising to Plus 7 Celsius.
Freezing level: Above summits.

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